

**METHOD AND APPARATUS FOR THE DIGITAL CONTROL OF AN ELEMENT OF A PRINTING MACHINE, AND PRINTING MACHINE**

**Abstract of the Disclosure**

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The invention relates to a method, apparatus and a printing machine (1) having a control device (8, 8', 8'', 8''') for the digital control of an element of the printing machine (1), an assignment (6, 6') of two non-coincident digital variables (2 and 2') being carried out.

The error of such an assignment (6, 6') can be kept small in that, **10** for successive assignments (6, 6'), an integer assignment (6, 6') of small steps (3) of a first variable (2) to a large step (3') of a second variable (2') is carried out in such a way that for each assignment (6, 6') the numerical ratio remains constant or is changed in such a way that the assignment error (4, 4') never reaches the width (5) of the smaller steps (3) of the first variable (2) in any assignment (6, 6').